

ABSTRACT

A RAKE reception device capable of allocating an appropriate number of fingers to a channel. In this device, a selection control section (301) sets a finger (304) allocated to the channel from the channel communication state and a control signal based on this setting is output to a synchronization processing section (302) and to a selection switch (303). According to the control signal, the synchronization processing section (302) detects a path and a spread code phase in a reception signal and allocates the detected path to the finger (304) which has been set. The finger (304) which has been set de-spreads the signal of the path allocated and performs coherent detection. According to the control signal, the selection switch (303) switches the connection between the finger (304) and a maximum ratio combining section (307) so that the output from the finger (304) is output to the maximum ratio combining section (307).